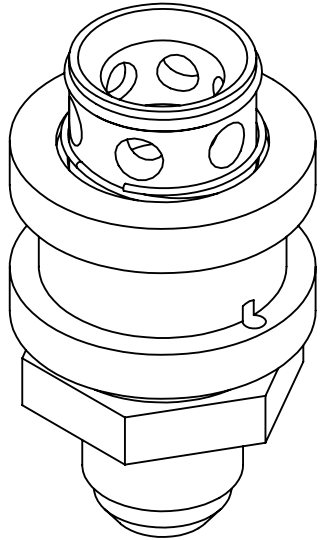
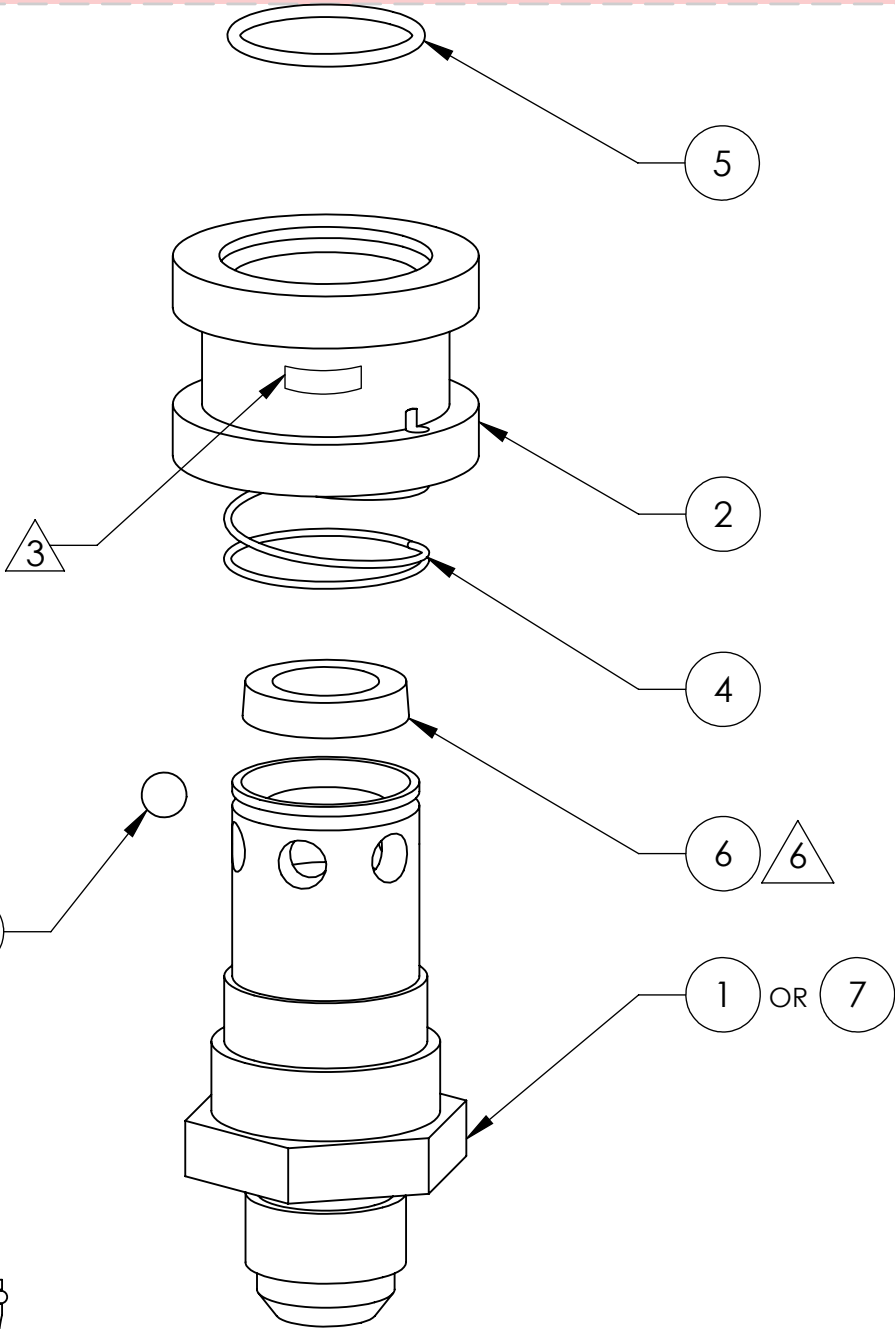
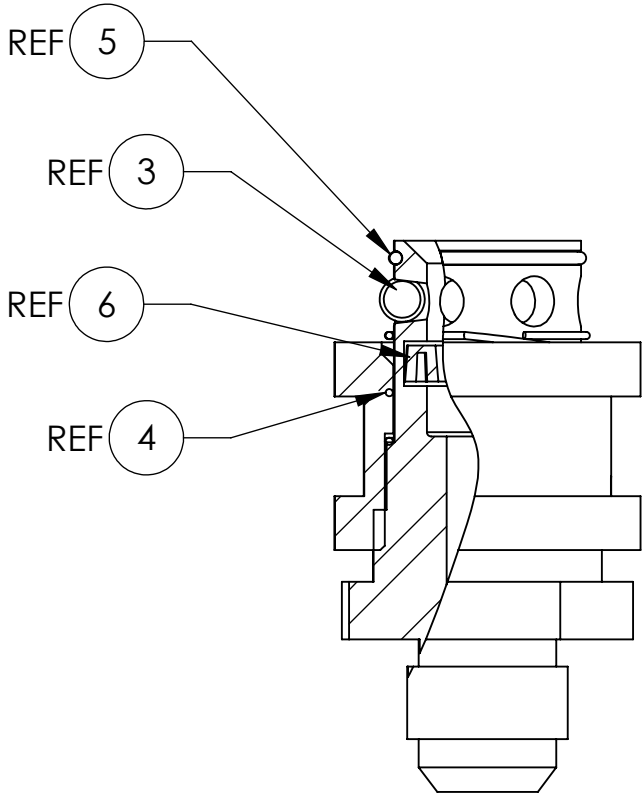
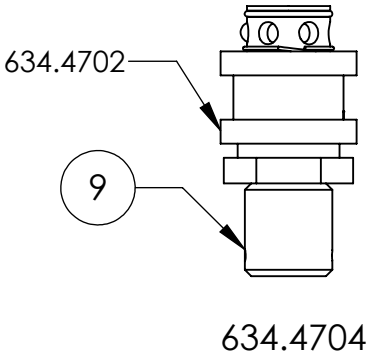
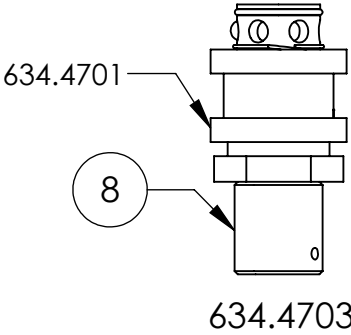


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NOTES:


- 1 MATERIAL: STAINLESS STEEL 303 CRES.
- 2 FINISH: NONE.
- 3 IDENTIFY IAW MPP-120, LOCATE APPROXIMATELY AS SHOWN.
- 4 DEBURR ALL SHARP EDGES.
- 5 ALL CONCENTRIC DIMENSIONS ARE ±.003 TOLERANCE.
- 6 APPLY A THIN COAT OF F/N 23, ORING LUBRICANT ONTO F/N 6 OR 15, PISTON SEAL.
- 7 THREAD IAW 37 DEGREE JIC STANDARD UNLESS OTHERWISE NOTED



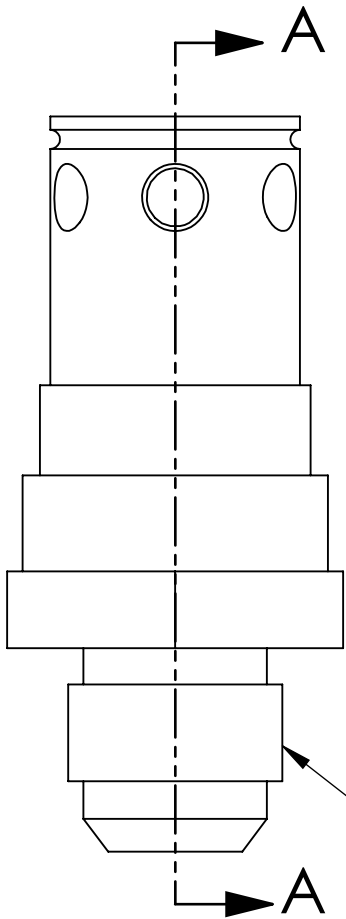
634.4701 OR  
634.4702

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INCORPORATED ECN 01804 & 03988.	07-18-13	P. BRAVO
B	INCORPORATED ECN 04442.	03-06-14	P. BRAVO
C	INCORPORATED ECN 04772.	01-12-15	P. BRAVO
D	INCORPORATED ECN 04825.	02-02-15	P. BRAVO
E	INCORPORATED ECN 04852, 04968, & 04980.	06-17-15	P. BRAVO
F	INCORPORATED ECN 04986	06-23-15	P. BRAVO
G	INCORPORATED ECN 05061, 05102, 05216 & 05285	12-23-15	P. BRAVO
H	INCORPORATED ECN 05321	02-18-16	P. BRAVO
J	INCORPORATED ECN 05389 & 05891	11-30-17	P. BRAVO
K	INCORPORATED ECN 06672	04-15-21	J. GARDINER

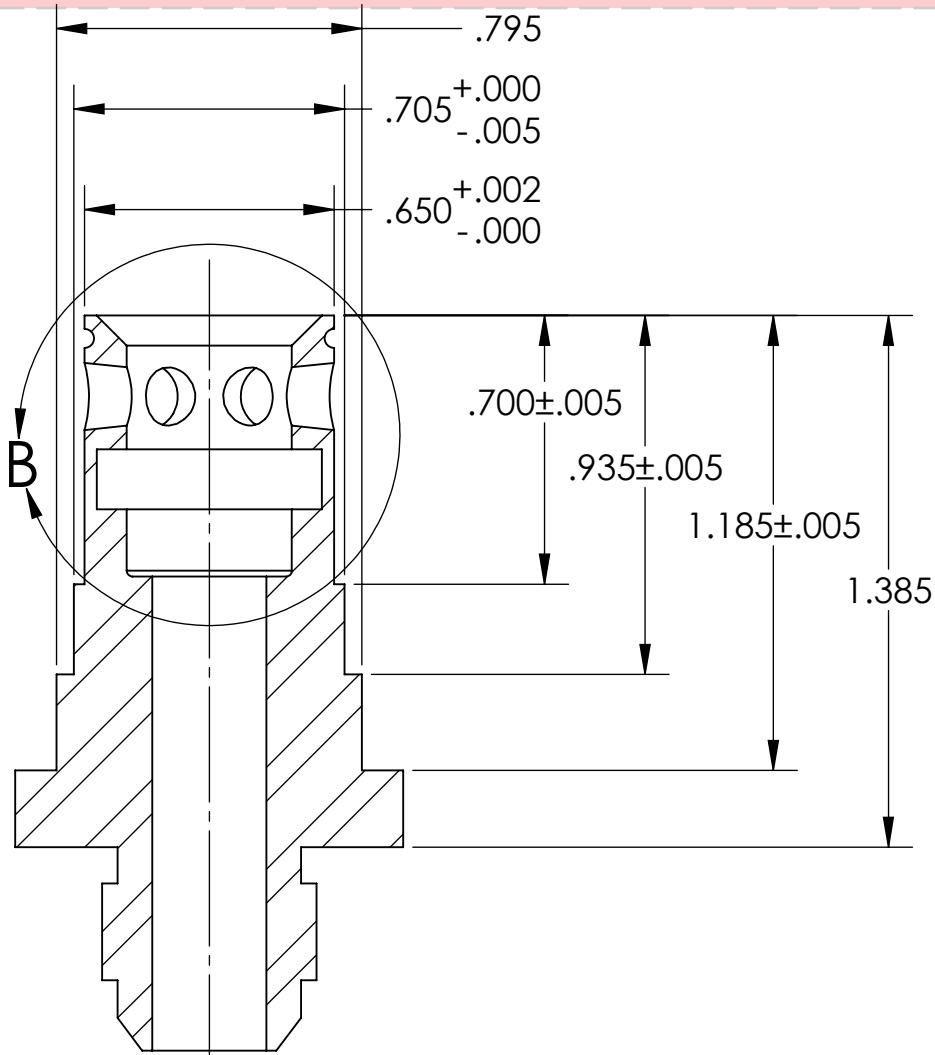
A/R	A/R	A/R	A/R	23	601.2550	ORING LUBRICANT	MOLYKOTE	DOW CORNING 55
1				22	634.4719	-10 NIPPLE	1	
	1			21	601.3784	PISTON SEAL		
	1			20	601.3783	COLLAR RETAINER RING		
	1			19	601.3818	SPRING		
	1			18	634.4718	COLLAR	1	
	1			17	634.4717	NIPPLE	1	
	1			16	634.4716	BODY	1	
1	1			15	601.3781	PISTON SEAL		
1	1			14	601.3780	COLLAR RETAINER RING		
1	1			13	601.3817	SPRING		
1	1			12	634.4715	COLLAR	1	
	1			11	634.4714	-12 NIPPLE	1	
1	1			10	634.4713	-10 BODY	1	
		1		9	601.2382	-4 DIFFUSER (BRASS)		
			1	8	601.1674	-6 DIFFUSER (BRASS)		
			1	7	634.4712	BODY	1	
			1	6	601.1975	PISTON SEAL		
			1	5	601.1974	COLLAR RETAINER WIRE		
			1	4	601.1973	SPRING		
6	6	6		3	601.1972	BALL BEARING		
			1	2	634.4711	COLLAR	1	
			1	1	634.4710	BODY	1	
					634.4707	-10 QUICK DISCONNECT		
					634.4706	-16-12 QUICK DISCONNECT		
					634.4705	-12-10 QUICK DISCONNECT		
					634.4704	-4 QUICK DISCONNECT W/ DIFFUSER		
					634.4703	-6 QUICK DISCONNECT W/ DIFFUSER		
					634.4702	-4 QUICK DISCONNECT		
					634.4701	-6 QUICK DISCONNECT		

4707	4706	4705	4704	4703	4702	4701	FIND #	PART #	DESCRIPTION	MAT'L	SPEC.			
QTY								PARTS LIST						
NEXT ASSY (S)								ORIGINAL DATE (MO-DA-YR)	12-06-04			<div><div><div><div>DART</div><div>AEROSPACE</div></div><div>3030 ENTERPRISE CT., SUTIE A VISTA, CA. 92081-8347 (760)724-5300</div></div><div>APICAL INDUSTRIES, INC. dba DART AEROSPACE</div></div>		
624.8401								DRAWN BY	CHECKER					
20326								M.HUGHES S.JOSEPH						
20491-2 & -3								DRAWING APPROVAL						
651.0500								S.JOSEPH 12-07-04						
								CONTRACT No.			QUICK DISCONNECT			
								UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.03 3 PLACE DECIMALS ±.010 ANGLES ± .5°			SIZE	CAGE CODE	DWG. NO.	REV.
											B	07MZ6	634.4700	K
											SCALE: NONE			SHEET 1 OF 12

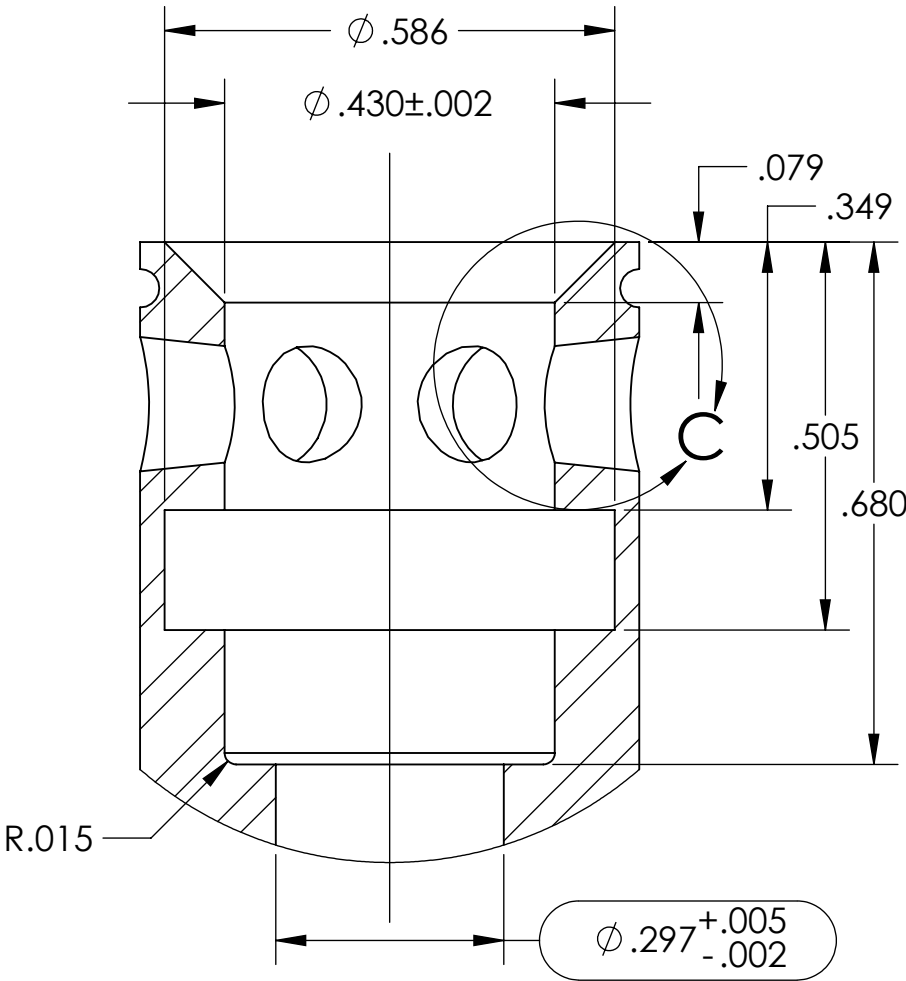
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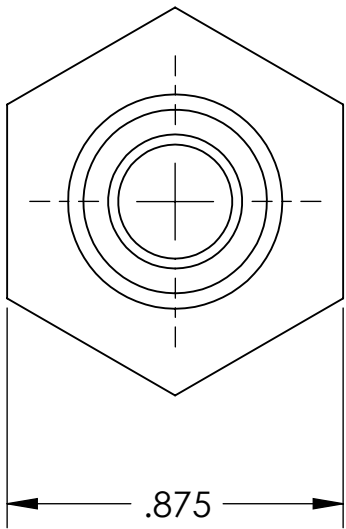
-6 FITTING  
AS3495/9/06



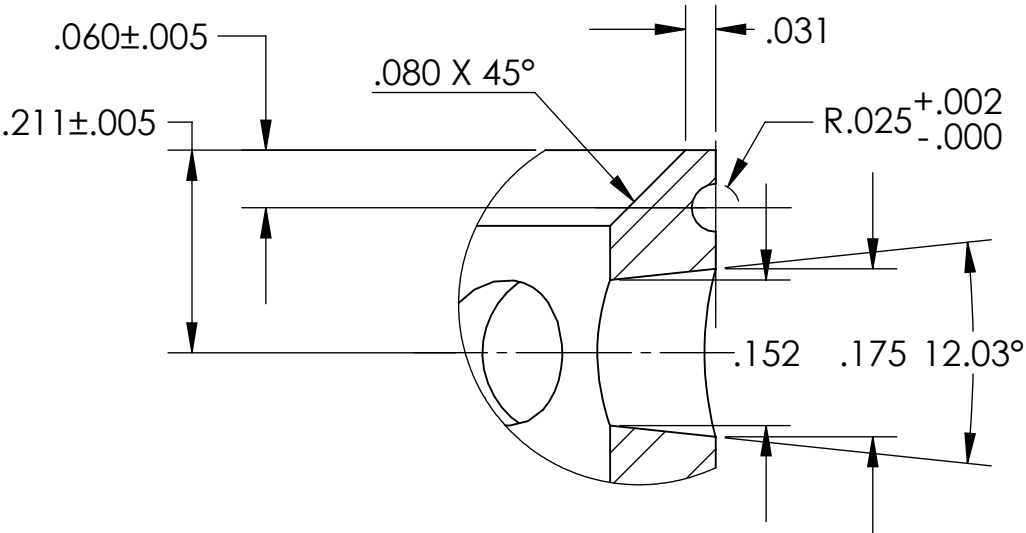
SECTION A-A



DETAIL B

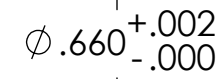


634.4710



DETAIL C

ORIGINAL DATE (MO-DA-YR) 12-06-04		 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081-8347 (760)724-5300 APICAL INDUSTRIES, INC. dba DART AEROSPACE	
DRAWN BY M.HUGHES			
CHECKER			
DRAWING APPROVAL			
CONTRACT No.		QUICK DISCONNECT	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.03 3 PLACE DECIMALS ±.010 ANGLES ±.5°		SIZE B	CAGE CODE 07MZ6
		DWG. NO. 634.4700	REV. K
		SCALE : NONE	
		SHEET 2 OF 12	

$$\phi .740^{+.002}_{-.000}$$

$$\varnothing .719^{+.002}_{-.000}$$


Ø .749    Ø .860

DIAMOND KNURL-

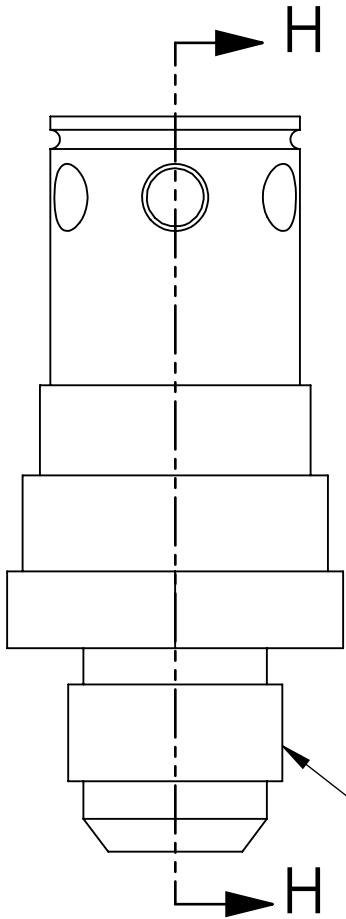
SECTION D-D

—DIAMOND KNURL

.187

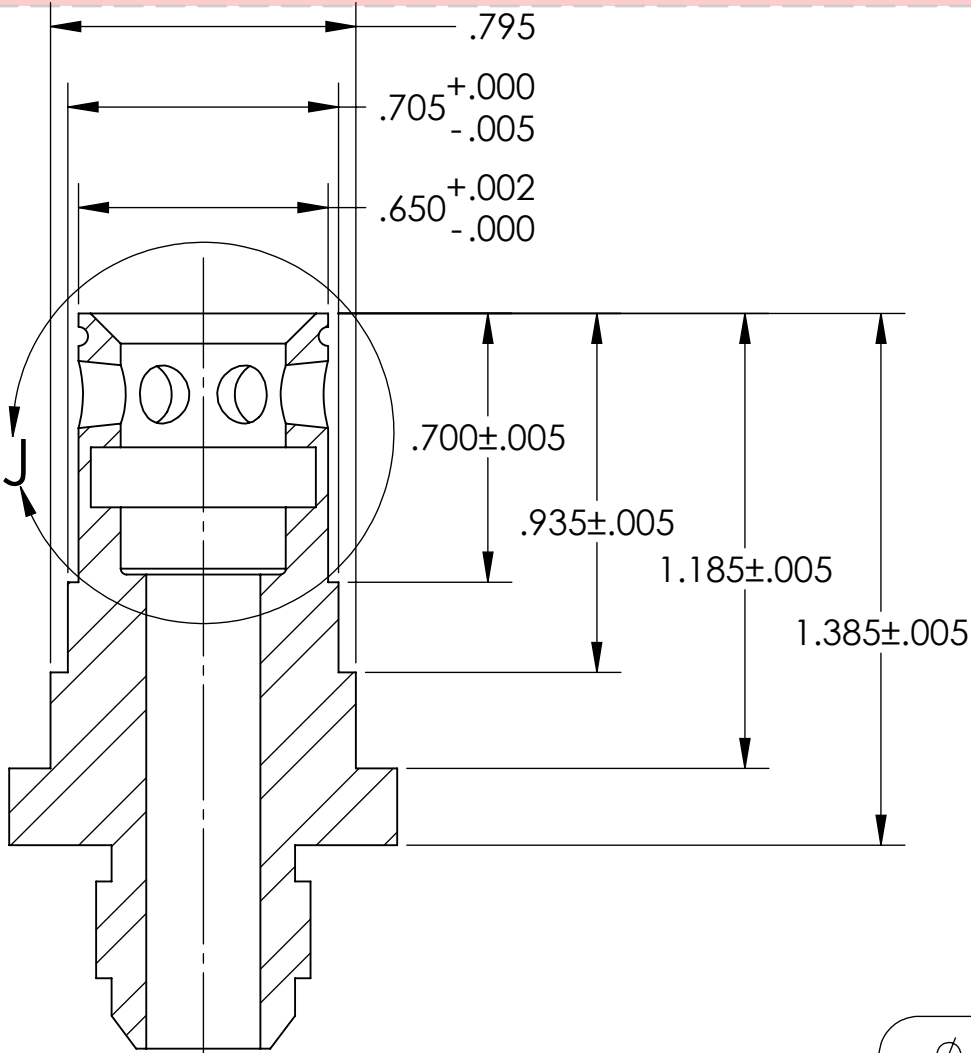
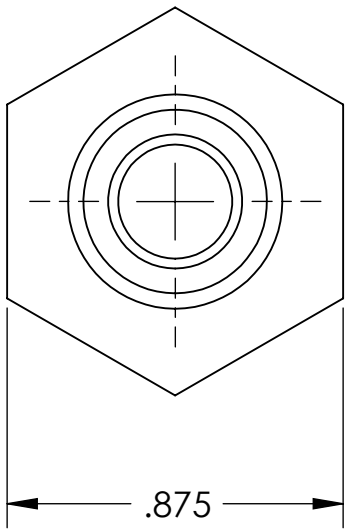
ORIGINAL DATE (MO-DA-YR) 12-06-04		 <div>3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081-8347 (760)724-5300</div>			
DRAWN BY	CHECKER				
M.HUGHES					
DRAWING APPROVAL		APICAL INDUSTRIES, INC. dba DART AEROSPACE			
CONTRACT NO.		QUICK DISCONNECT			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.03 3 PLACE DECIMALS ±.010 ANGLES ±.5°		SIZE B	CAGE CODE 07MZ6	DWG. NO. 634.4700	REV. K
SCALE : NONE				SHEET 3 OF 12	

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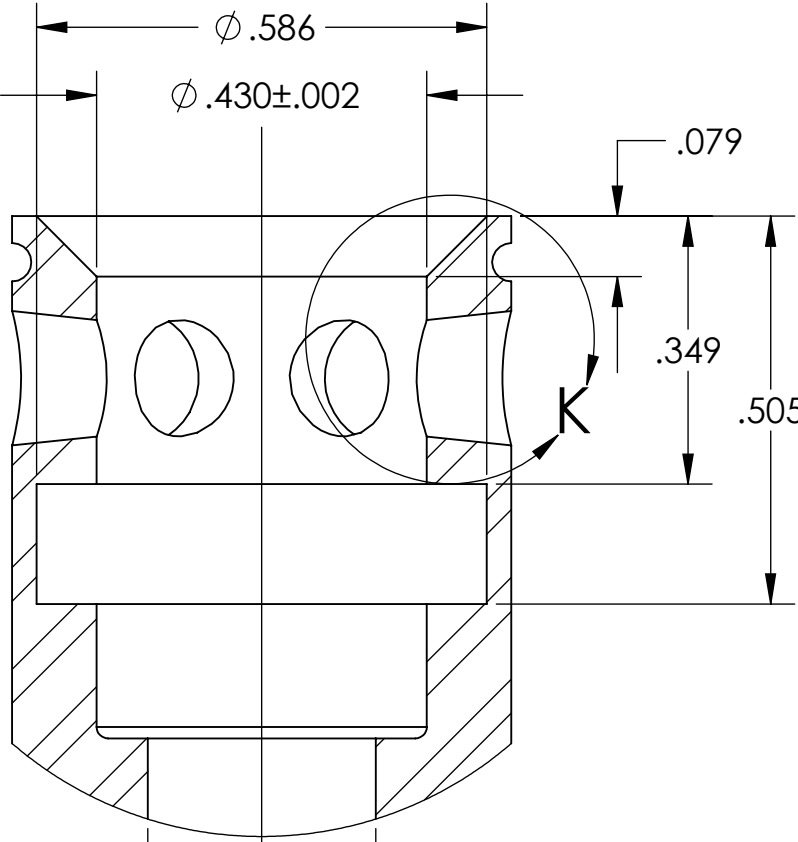


-4 FITTING  
7/16-20 UNF

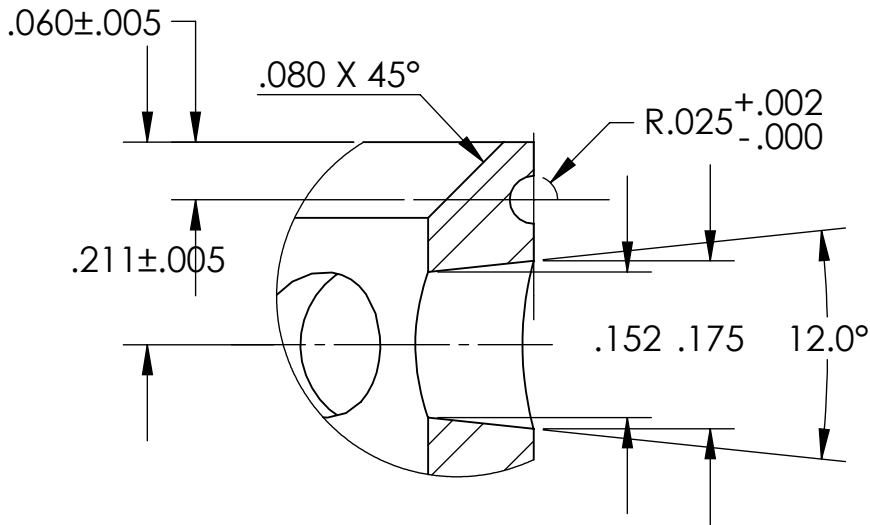
634.4712



SECTION H-H



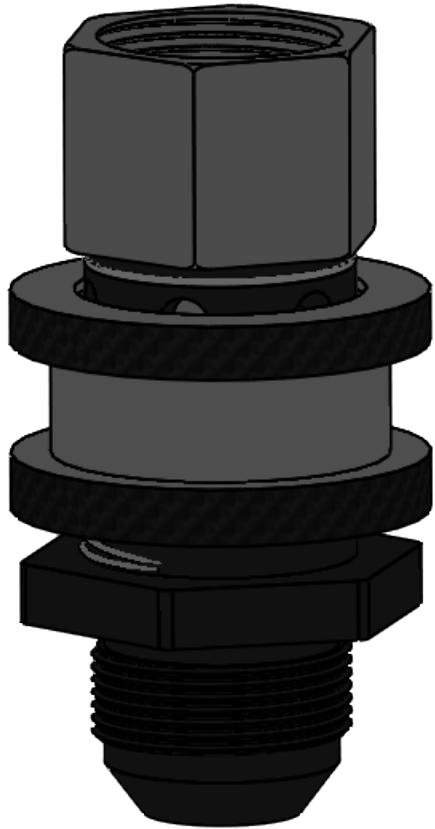
DETAIL J



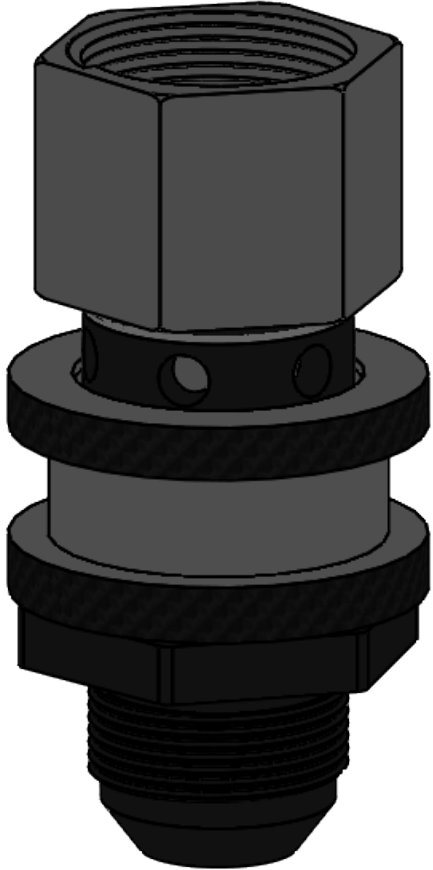
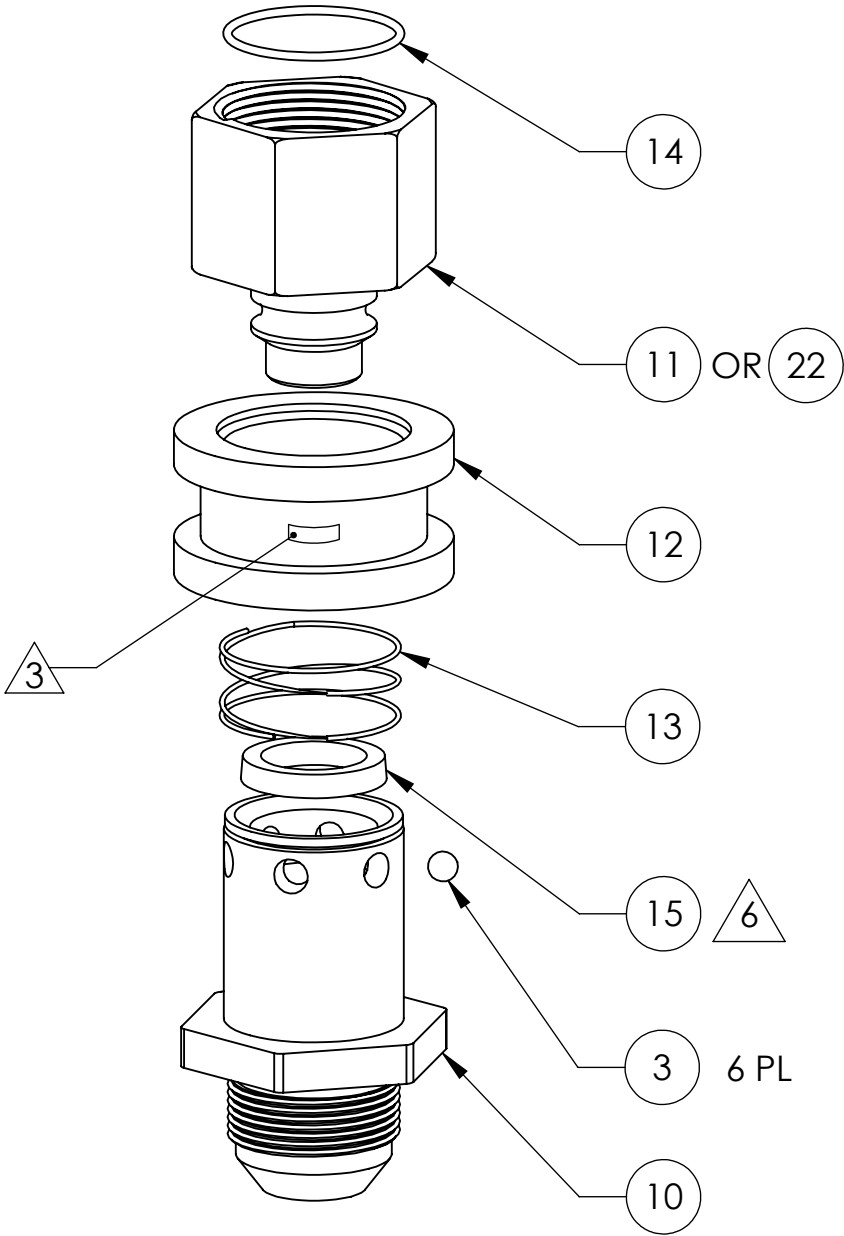
DETAIL K  
SCALE 5 : 1

ORIGINAL DATE (MO-DA-YR) 12-06-04		 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081-8347 (760)724-5300	
DRAWN BY M.HUGHES	CHECKER		
DRAWING APPROVAL			
CONTRACT No.			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.03 3 PLACE DECIMALS ±.010 ANGLES ±.5°		QUICK DISCONNECT	
		SIZE B	CAGE CODE 07MZ6
		DWG. NO. 634.4700	REV. K
		SCALE : NONE	

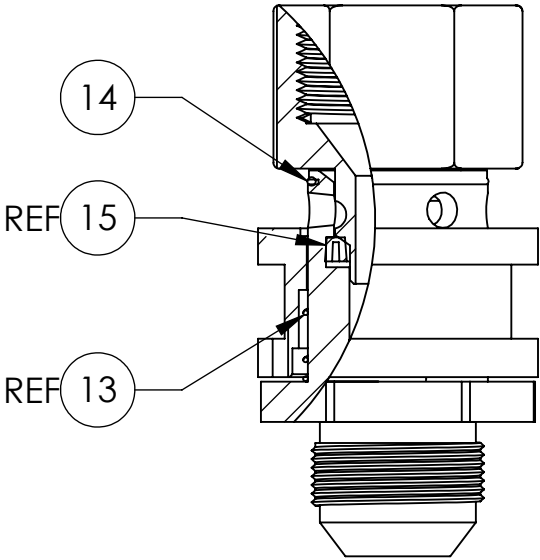
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634.4707

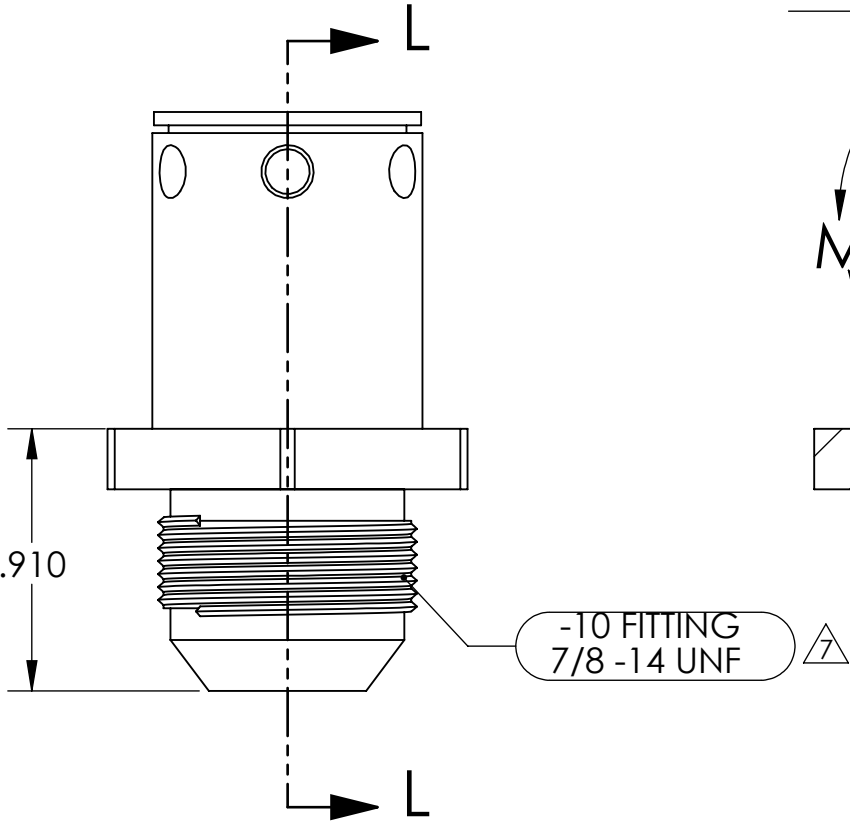


634.4705

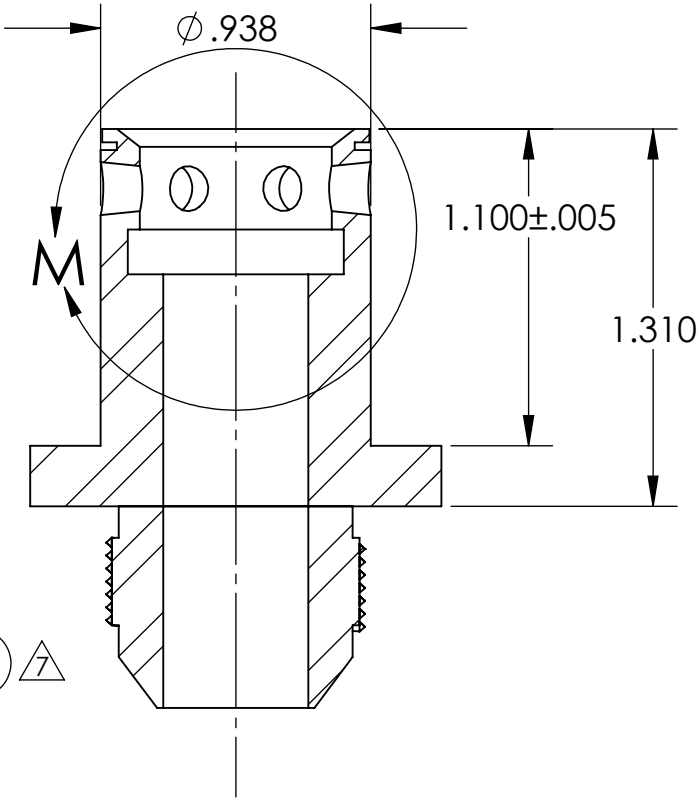


ORIGINAL DATE (MO-DA-YR) 12-06-04		 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081-8347 (760)724-5300	
DRAWN BY J.HUGHES	CHECKER S.JOSEPH		
DRAWING APPROVAL S.JOSEPH 12-07-04		APICAL INDUSTRIES, INC. dba DART AEROSPACE	
CONTRACT No.		<b>QUICK DISCONNECT</b>	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.03 3 PLACE DECIMALS ±.010 ANGLES ±.5°	SIZE B	CAGE CODE 07MZ6	REV. K
	DWG. NO. 634.4700		SHEET 5 OF 12
	SCALE: NONE		

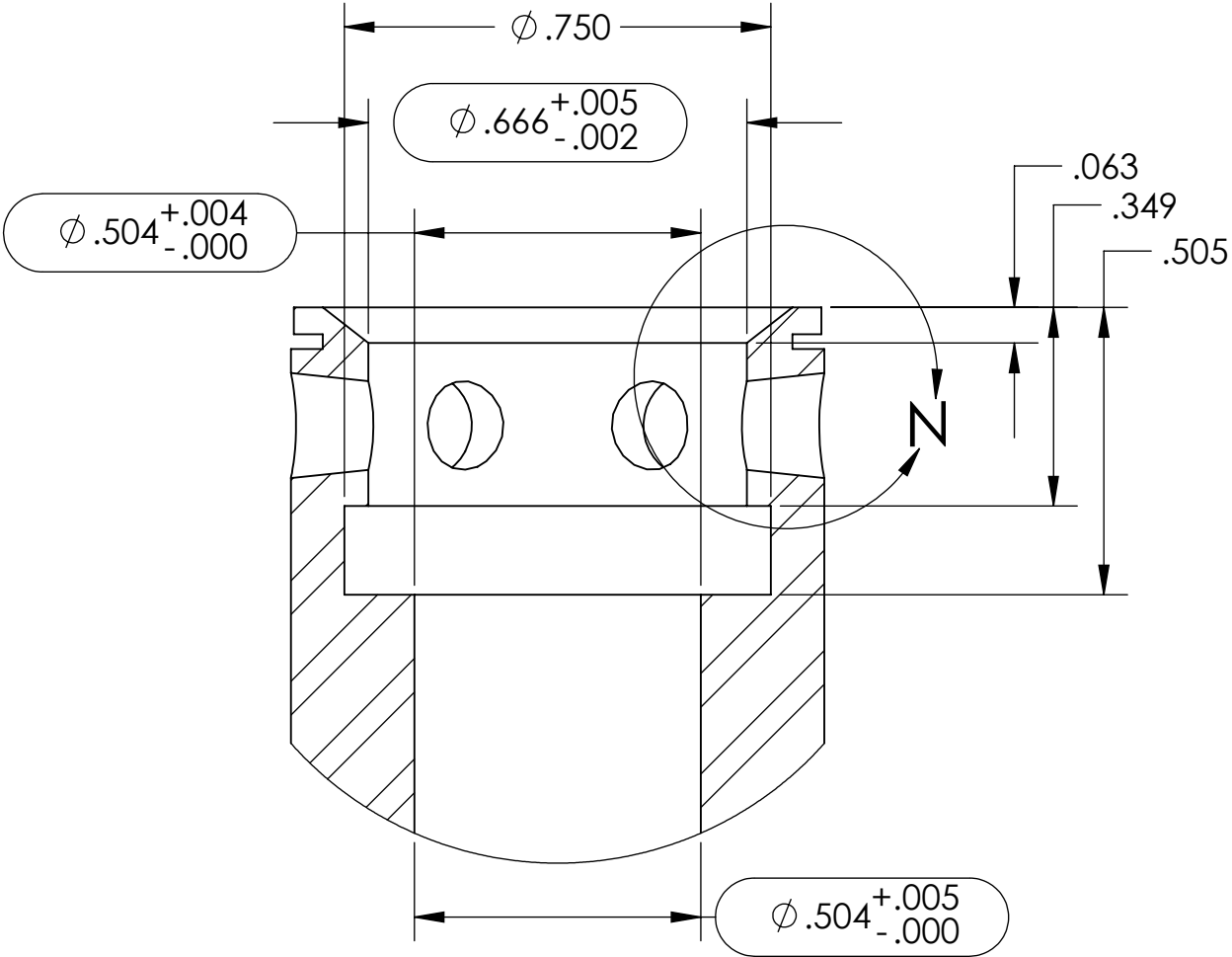
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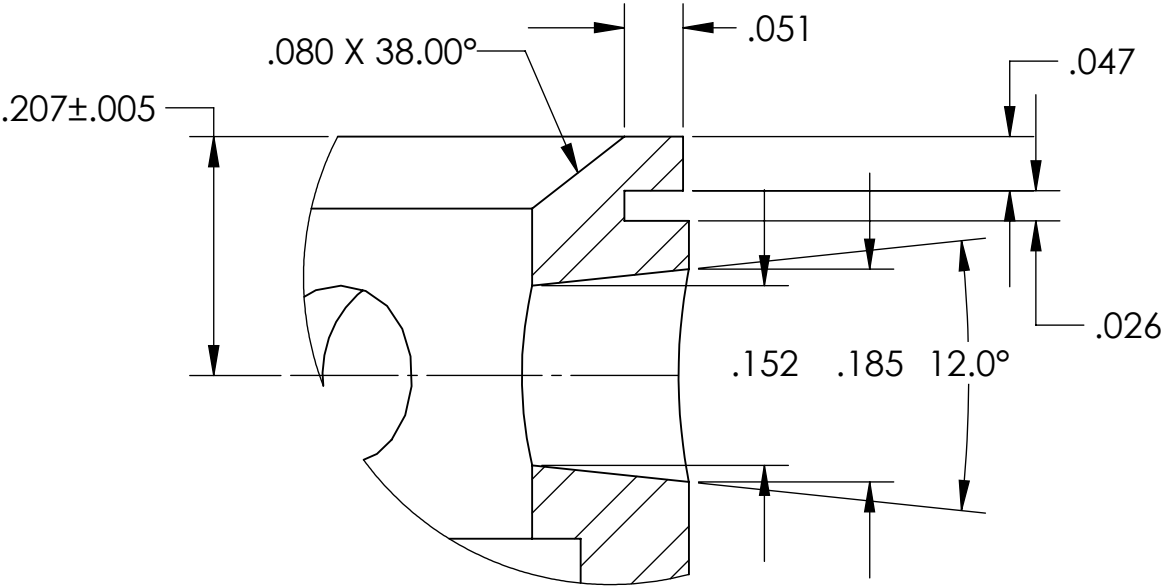
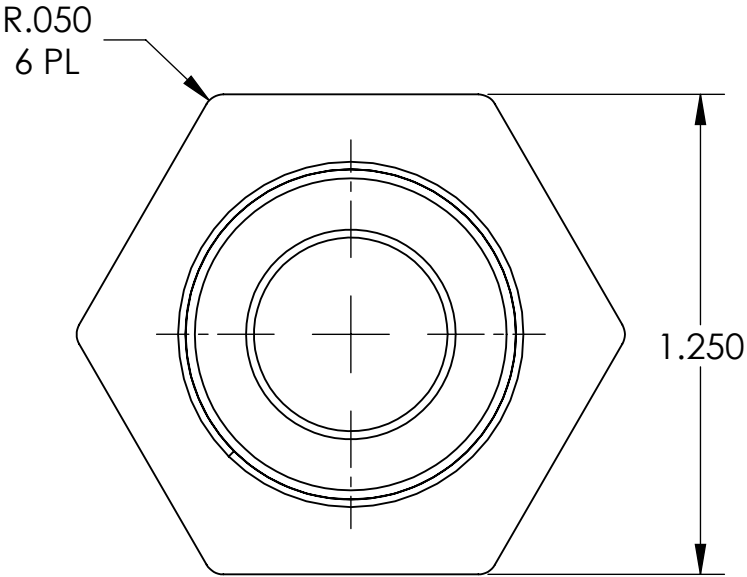
634.4713



SECTION L-L



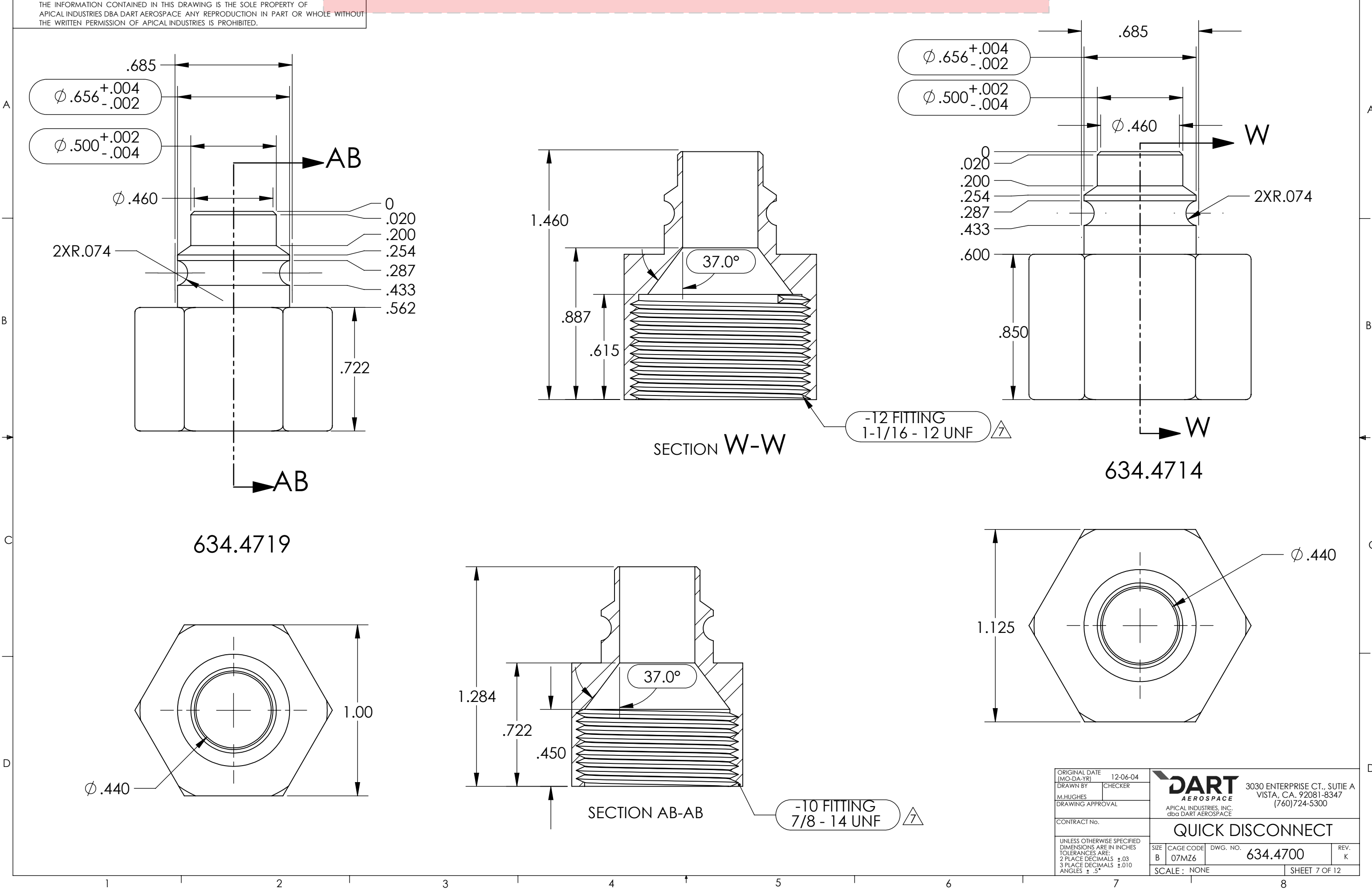
DETAIL M



DETAIL N

ORIGINAL DATE (MO-DA-YR) 12-06-04		<b>DART AEROSPACE</b> 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081-8347 (760)724-5300			
DRAWN BY M.HUGHES					
CHECKER					
DRAWING APPROVAL		APICAL INDUSTRIES, INC. dba DART AEROSPACE			
CONTRACT No.		QUICK DISCONNECT			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.03 3 PLACE DECIMALS ±.010 ANGLES ± .5°		SIZE B	CAGE CODE 07MZ6	DWG. NO. 634.4700	REV. K
SCALE : NONE		SHEET 6 OF 12			

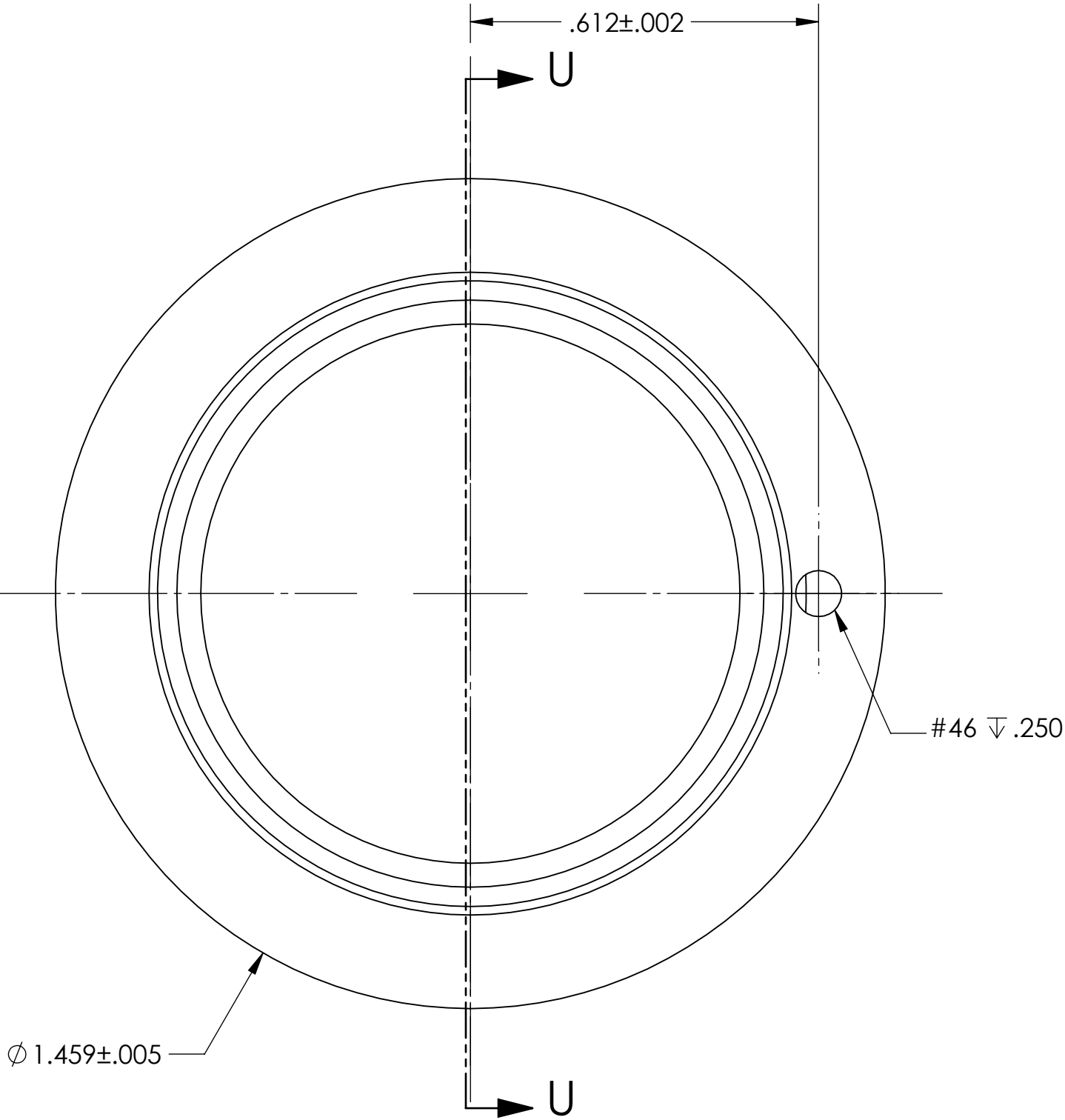
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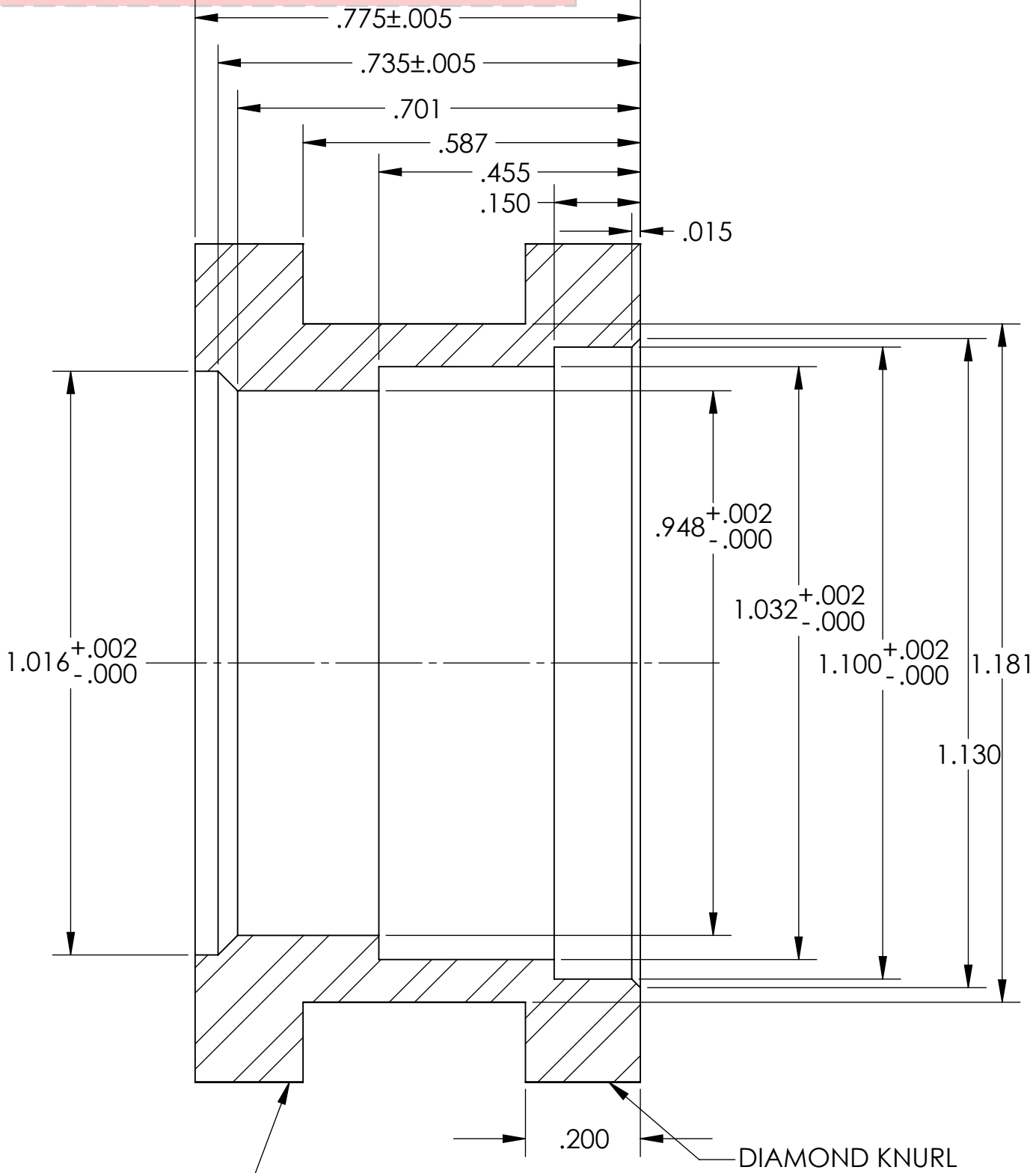
ORIGINAL DATE (MO-DA-YR) 12-06-04		<b>DART</b> AEROSPACE 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081-8347 (760)724-5300	
DRAWN BY M.HUGHES	CHECKER		
DRAWING APPROVAL		APICAL INDUSTRIES, INC. dba DART AEROSPACE	
CONTRACT No.		<b>QUICK DISCONNECT</b>	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS $\pm .03$ 3 PLACE DECIMALS $\pm .010$ ANGLES $\pm .5^\circ$		SIZE B	REV. K
		CAGE CODE 07MZ6	DWG. NO. 634.4700
		SCALE : NONE	
		SHEET 7 OF 12	



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634.4715



DIAMOND KNURL

SECTION U-U

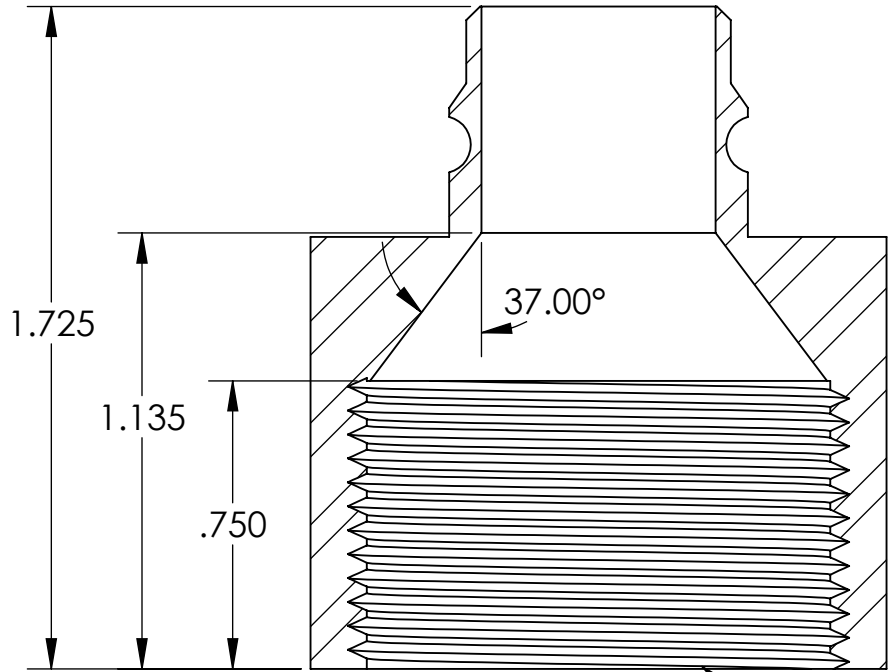
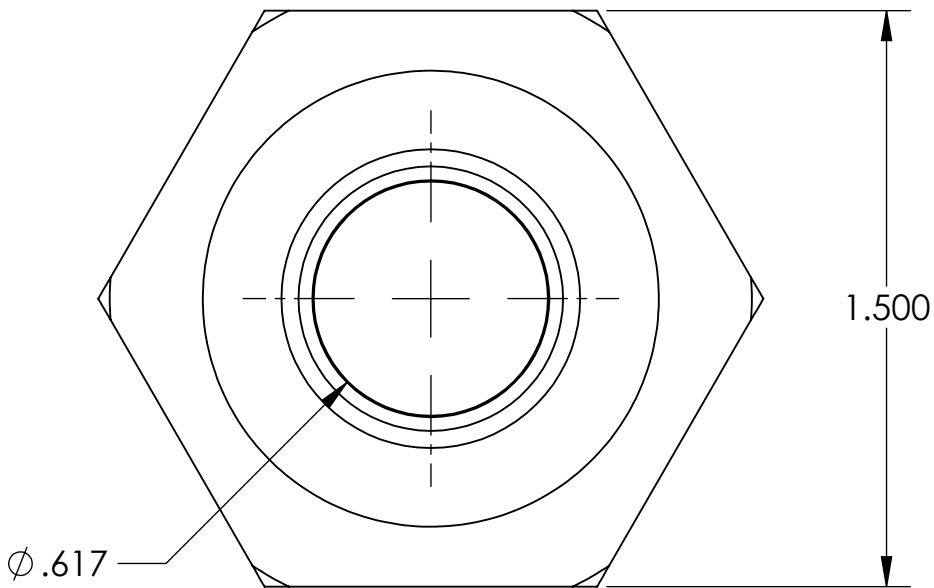
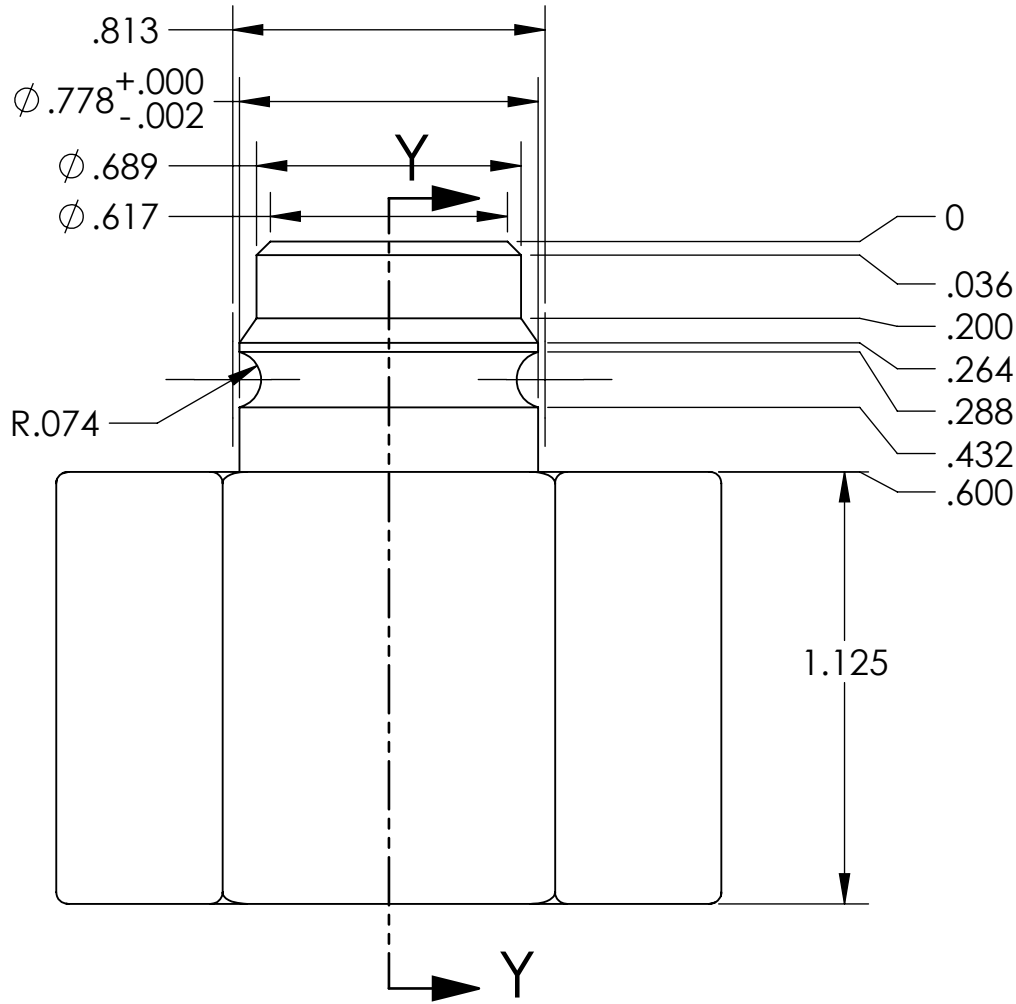
ORIGINAL DATE (MO-DA-YR) 12-06-04		 3030 ENTERPRISE CT., SUTIE A VISTA, CA. 92081-8347 (760)724-5300	
DRAWN BY M.HUGHES	CHECKER		
DRAWING APPROVAL			
CONTRACT NO.		APICAL INDUSTRIES, INC. dba DART AEROSPACE	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.03 3 PLACE DECIMALS ±.010 ANGLES ±.5°		QUICK DISCONNECT	
SIZE B	CAGE CODE 07MZ6	DWG. NO. 634.4700	REV. K
SCALE : NONE			SHEET 8 OF 12








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SECTION Y-Y  
-16 FITTING  
1-5/16 - 12 UNF

634.4717

ORIGINAL DATE (MO-DA-YR) 12-06-04		 3030 ENTERPRISE CT., SUTIE A VISTA, CA. 92081-8347 (760)724-5300			
DRAWN BY M.HUGHES	CHECKER				
DRAWING APPROVAL					
CONTRACT No.		QUICK DISCONNECT			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS $\pm .03$ 3 PLACE DECIMALS $\pm .010$ ANGLES $\pm .5^\circ$		SIZE B	CAGE CODE 07MZ6	DWG. NO. 634.4700	REV. K
		SCALE : NONE			SHEET 11 OF 12

Technical drawing of a mechanical part, Section V-V, showing a cross-section with various dimensions and tolerances. The part has a central bore and a diamond knurl on the outer surface. Dimensions include diameters (1.159, 1.043, 1.178, 1.208, 1.347) and linear measurements (.775, .735, .677, .587, .455, .015, .200). Tolerances are specified for several dimensions.


Dimensions and Tolerances:

- Overall diameter:  $\phi 1.159^{+.002}_{-.000}$
- Top bore diameter:  $\phi 1.043^{+.002}_{-.000}$
- Intermediate bore diameter:  $\phi 1.178^{+.002}_{-.000}$
- Bottom bore diameter:  $\phi 1.208$
- Bottom bore diameter:  $\phi 1.347$
- Top flange thickness:  $.775 \pm .005$
- Top flange inner diameter:  $.735 \pm .005$
- Top flange inner diameter:  $.677$
- Top flange inner diameter:  $.587$
- Top flange inner diameter:  $.455$
- Top flange inner diameter:  $.015$
- Bottom flange thickness:  $.200$

Section V-V is indicated at the bottom.

—DIAMOND KNURL

SECTION V-V

ORIGINAL DATE (MO-DA-YR)		12-06-04		 <div> 3030 ENTERPRISE CT., SUITE A  VISTA, CA. 92081-8347  (760)724-5300 </div>	
DRAWN BY		CHECKER			
M.HUGHES					
DRAWING APPROVAL				APICAL INDUSTRIES, INC. dba DART AEROSPACE	
CONTRACT No.				<div> <div>QUICK DISCONNECT</div> <div> <div>SIZE</div> <div>CAGE CODE</div> <div>DWG. NO.</div> <div>REV.</div> </div> <div> <div>B</div> <div>07M26</div> <div>634.4700</div> <div>K</div> </div> </div>	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.03 3 PLACE DECIMALS ±.010 ANGLES ±.5°				SCALE : NONE	
				SHEET 12 OF 12	